AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) Solid insulator for use in a gas-insulated encapsulated high voltage ~~installations~~ installation, with an insulator body which is supporting at least one conductor that is provided for carrying high voltage, and that is to be arranged within ~~in~~ an outer enclosure of the gas-insulated encapsulated high voltage installation, wherein said insulator body comprises a fiber-reinforced polymer.

2. (Original) Solid insulator as claimed in claim 1, wherein said insulator body comprises a fiber-reinforced epoxy material.

3. (Currently Amended) Solid insulator as claimed in claim 1, wherein said insulator body comprises non-conductive organic fibers ~~and / or~~ and/or non-conductive inorganic fibers.

4. (Previously Presented) Solid insulator as claimed in claim 1, wherein said insulator body comprises conductive fibers for field grading purposes.

5. (Currently Amended) Solid insulator as claimed in claim 1,

wherein the orientation of the fibers in the insulator body is such that the insulator body has quasi-isotropic mechanical properties ~~of the insulator body are achieved~~.

6. (Currently Amended) Solid insulator as claimed in claim 5,

wherein the orientation of the fibers in the insulator body is in radial and hoop ~~direction~~ directions and the fiber fabrics are arranged in different layers.

7. (Currently Amended) Solid insulator as claimed in claim 5,

wherein the orientation of the fibers in the insulator body is biaxial and the fiber fabrics are arranged in different layers[[;]], the stacked layers being rotated by a given degree.

8. (Currently Amended) Solid insulator as claimed in claim 5,

wherein the orientation of the fibers in the insulator body is unidirectional and the fiber fabrics are arranged in different layers[[;]], the stacked layers being rotated by a given degree.

9. (Currently Amended) Solid insulator as claimed in claim 5,

wherein ~~the~~ a fiber backbone of the insulator body comprises a preform with stacked layers of radial and hoop, biaxial or unidirectional fibers, where the layers are physically or chemically bonded.

10. (Currently Amended) Solid insulator as claimed in claim 5,

wherein ~~the~~ a fiber backbone of the insulator body comprises a preform, which comprises a continuous radial and hoop spiral-like fiber layer.

11. (Currently Amended) Solid insulator as claimed in claim 5,

wherein ~~the~~ a fiber backbone in the insulator body comprises a preform, which comprises a three-dimensional woven fiber structure.

12. (Withdrawn) Method for manufacturing a solid insulator for gas-insulated encapsulated high voltage installations with an insulator body which is supporting at least one central conductor that is provided for carrying high voltage and that is arranged in an outer enclosure, including the steps of:

arranging the fibers in a mold,

closing the mold and infusing the polymeric matrix into the mold by using low pressure and / or vacuum,

curing the polymeric matrix in the mold,

removing the insulator body from the mold.

13. (Withdrawn) Method for manufacturing a solid insulator as claimed in claim 12,

wherein the fibers are inserted into the mold as a preform.

14. (New) Solid insulator as claimed in claim 1, wherein the insulator body is of a disc shape.

15. (New) Solid insulator as claimed in claim 14,

wherein the orientation of the fibers in the insulator body is such that the insulator body has quasi-isotropic mechanical properties.

16. (New) Solid insulator as claimed in claim 15,

wherein the orientation of the fibers in the insulator body is in radial and hoop directions and the fiber fabrics are arranged in different layers.

17. (New) Solid insulator as claimed in claim 15,

wherein the orientation of the fibers in the insulator body is biaxial and the fiber fabrics are arranged in different layers, the stacked layers being rotated by a given degree.

18. (New) Solid insulator as claimed in claim 15,

wherein the orientation of the fibers in the insulator body is unidirectional and the fiber fabrics are arranged in different layers, the stacked layers being rotated by a given degree.

19. (New) Solid insulator as claimed in claim 15,

wherein a fiber backbone of the insulator body comprises a preform with stacked layers of radial and hoop, biaxial or unidirectional fibers, where the layers are physically or chemically bonded.

20. (New) Solid insulator as claimed in claim 15,

wherein a fiber backbone of the insulator body comprises a preform, which comprises a continuous radial and hoop spiral-like fiber layer, or a three-dimensional woven fiber structure.